



SANY

Quality Changes the World



SANY ALL-TERRAIN CRANE SAC 2200

ULTRA- LONG BOOM. STRONG LIFTING CAPACITY



P1

Product specifications
Chassis

P2

Product specifications
Superstructure

P3

Technical parameters

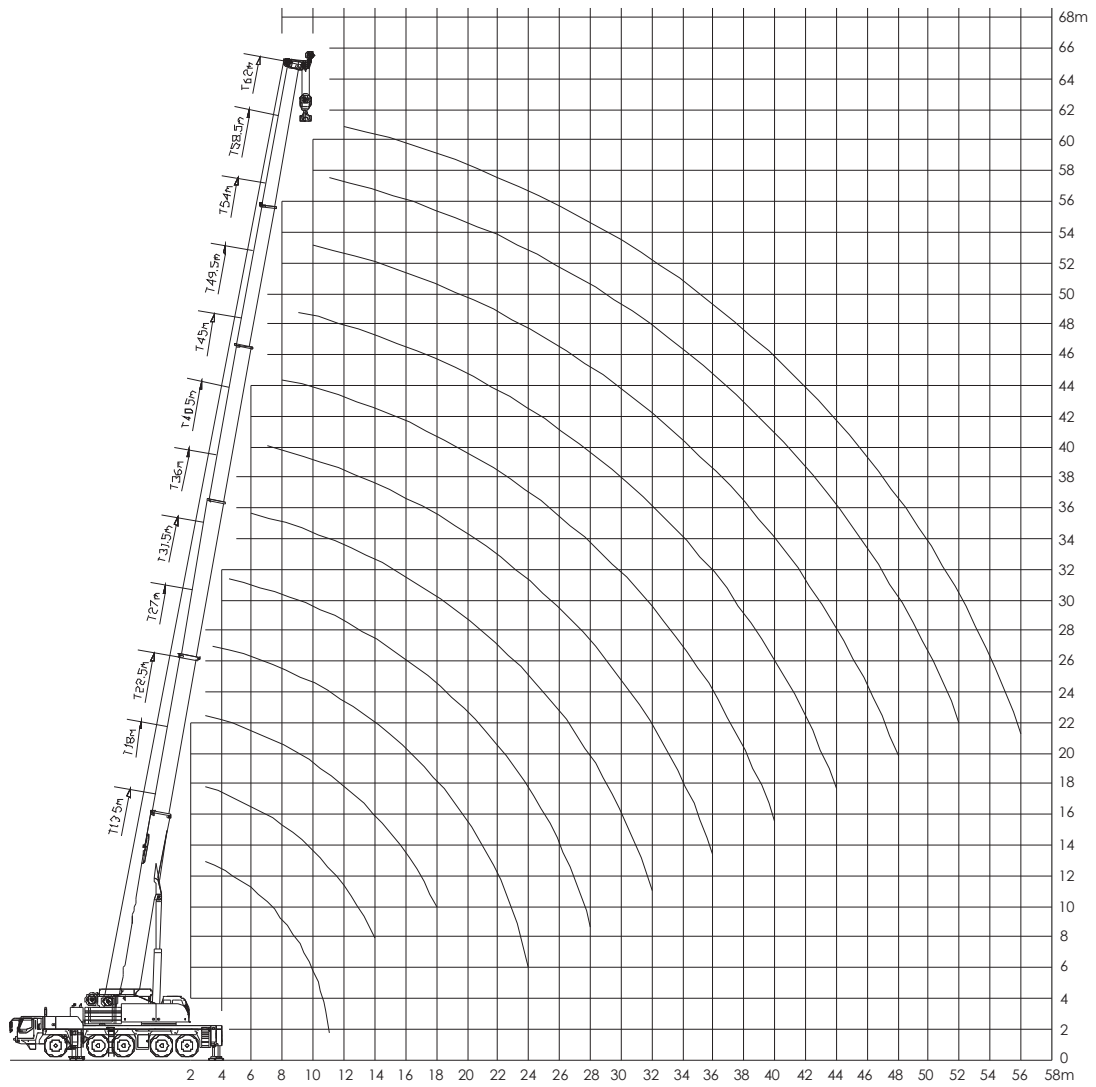
P4

Working ranges





P5

Load chart

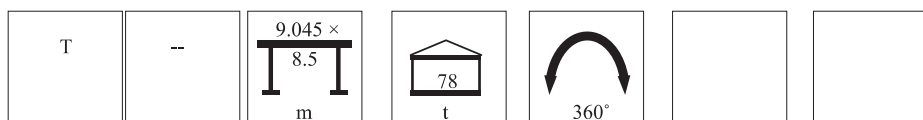
SAC2200 WORKING RANGES



LOAD CHART FOR MAIN BOOM

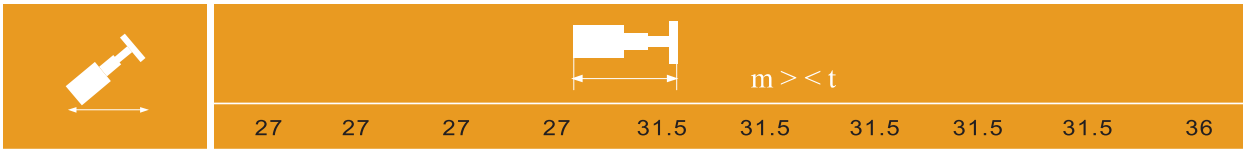
	 $m < t$									
	13.5 220 *	18	18	18	18	22.5	22.5	22.5	22.5	27
3	180	151	124.5	112.2	94.1	141	123.5	103.6	96.9	
3.5	165	145	124.5	107.8	90.3	133	123.5	103.6	95	112.7
4	150	135	120.7	107.8	85.5	127.4	119.7	103.6	90.3	106.8
4.5	140	129	115.9	104.5	80.8	114	112	103.6	86.5	100
5	128	121	108.3	104.5	77	108.8	106.4	103.6	82.7	94.1
6	118	109	99	96	72.5	100	97	95	76	84.3
7	106	95	88.2	85.5	66.6	88.7	86.2	84.6	71.3	78.5
8	88	85	79.4	77	61.7	82	78.4	77	66.5	71.4
9	78	76	74.5	71.5	57.8	74	71.5	69.4	61.8	65.3
10	69	69	67.3	64.7	53.9	66.3	64.7	63.7	56.1	59.2
11	45	61.7	62.7	59.8	51	61.7	61.2	58	52.3	55.1
12		56.4	56.4	56.1	48.5	55.4	55.1	52.3	49.4	51
14		46	46.5	47	44.1	46	47	43.7	43.2	44.9
16						38.1	39.2	36.6	37.5	37.6
18						31.9	33.4	32.3	31.8	31.4
20										26.6
22										23
24										11.9
26										
28										
30										
n	18	16	14	12	10	14	14	12	10	12
2	0	0	0	0	0	46	0	0	0	92
3	0	46	0	0	0	46	46	0	0	46
4	0	0	46	0	0	0	46	46	0	0
5	0	0	0	46	0	0	0	46	46	0
6	0	0	0	0	46	0	0	0	46	0
 %										
 m/s	9	9	9	9	9	9	9	9	9	9

Notes: with added devices, over rear



LOAD CHART FOR MAIN BOOM

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3										
3.5	118	101	67.6	66.6						
4	116	96	63.7	62.7						
4.5	113	91.2	59.8	58.8	89.2	89.4	97.9	61.8	50	
5	110	85.2	56.8	55.9	85.3	85.5	93	58	47	
6	99	74.2	51	51	77.4	77.5	90.3	52.3	43.1	68.2
7	86	63	46.1	46.1	69.6	69.7	83	47.5	39.2	62
8	79	59.4	42.6	42.1	63.7	63.8	73.2	43.7	36.3	56.9
9	73	55.8	39.2	39.2	57.8	58.2	66.5	40.4	33.3	52.6
10	63.7	52.1	36.3	36.3	53.9	54.1	60.8	37.5	30.9	48.6
11	60.2	47.5	33.8	33.8	50	51.2	56.1	35.2	28.9	43
12	54.1	45.1	31.4	31.9	47.4	47.4	52.9	32.3	26.9	42.3
14	46.5	40.4	27.9	28.1	41.8	42.1	44.1	29	23.9	36.5
16	38.7	35.5	24.8	25.1	36.2	36.4	38.3	25.7	21.4	33
18	32.4	30.2	22.5	22.9	31.9	32.2	32.6	23.1	19.3	30.3
20	27.9	28.2	20.6	21	27.3	27.7	28.5	21	17.5	26.5
22	24.1	23.6	18.9	19.3	23.5	24	24.9	19.2	16.2	22.9
24	13.1	17.4	15.9	16.4	20.4	20.8	21.8	17.7	14.9	20.5
26					17.9	18.3	19.2	16.4	13.8	17.8
28					12.4	12.8	13.8	14.6	13.1	15.8
30										14
32										10.9

n	12	10	7	7	9	9	10	7	5	7
2	46	0	0	0	92	46	46	0	0	92
3	46	92	0	0	46	92	46	0	0	92
4	46	46	0	0	46	46	46	92	0	46
5	0	0	92	46	0	0	46	46	92	0
6	0	0	46	92	0	0	0	46	92	0

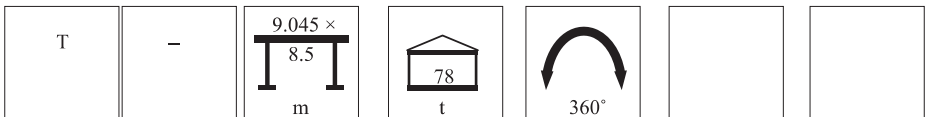


%






m/s

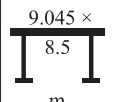
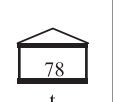

9	9	9	9	9	9	9	9	9	9
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LOAD CHART FOR MAIN BOOM





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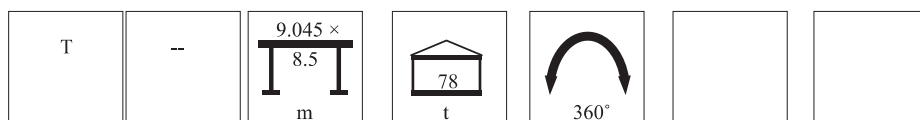
	 $m > t$									
	36	36	36	36	36	40.5	40.5	40.5	40.5	40.5
6	69.6	76	57.8	53.9	43.1					
7	64.7	71	52.9	51	39.7	56.8	54.1	51	42.1	40.2
8	59.8	67	49	47	36.8	53.9	51	48	39.2	37.7
9	54.9	60	45.6	44.1	34.8	51	46.1	45.1	36.8	35.8
10	51	55	42.1	40.4	32.3	47.5	43.1	42.6	34.3	33.3
11	47	51	39.2	38	30.4	44.6	40.7	39.4	31.4	31.9
12	44.1	47	36.8	36.1	28.7	41.2	38.2	38.2	30.4	29.9
14	37.7	42.5	32.3	32.3	25.6	36.8	34.3	34.2	26.8	27.2
16	33.8	36.6	28.9	29.5	22.5	32.3	31.6	30.9	23.9	24.6
18	31.1	32.5	25.8	27.1	20.4	29.1	28	29	21.9	22.6
20	27.3	30.5	23.5	25.2	18.8	26.1	26.5	26.7	20	20.2
22	23.7	28	22.2	24.5	17.3	23.5	23.5	24	18.5	18.8
24	21.1	24.5	20.5	23.5	16.1	21.4	21.9	21.9	17.1	17.6
26	18.5	20.1	18.9	21.5	14.8	19	19.5	19.5	15.9	16.3
28	16.4	17.9	17.5	19.6	13.9	17.2	17.8	18.2	14.9	15.4
30	14.5	16	15.9	17	13	15.4	15.9	16.3	13.9	14.3
32	11.5	12.9	13.2	14.2	12.4	13.8	14.3	15	13.1	13.7
34						12.3	12.9	13.7	12.4	12.9
36						10.6	11.1	11.8	11.6	12
n	7	8	6	6	5	6	6	6	5	4
2	92	46	0	0	0	92	46	46	0	0
3	46	46	92	46	0	46	92	46	46	46
4	46	46	46	46	46	46	46	46	92	46
5	46	46	46	46	92	46	46	46	92	92
6	0	46	46	92	92	46	46	92	46	92
 m/s	9	9	9	9	9	9	9	9	9	9

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LOAD CHART FOR MAIN BOOM





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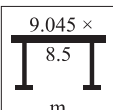
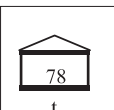

										
	40.5	45	45	45	45	45	49.5	49.5	49.5	49.5
6	36.3									
7	33.8	47.4	44.6	37.7	36.8	33.3				
8	30.9	43.6	41.7	35.8	35.7	31.9	36.2	34.7	31.4	31.1
9	29	41.2	38.9	33.8	32.3	29.9	34.5	33.2	29.9	29.6
10	27.2	39.2	36.7	32.3	30.9	28.3	32.5	31.6	28.4	27
11	25.5	36.8	34.5	30.9	29.1	27	31.2	30.1	27.1	25.8
12	22.9	32.8	30.8	27.9	25.9	24.2	28.8	27.3	24.8	23.5
14	20.4	29.9	27.8	25.8	23.5	21.5	25.8	24.8	22.6	21.3
16	18.5	27	25.3	23.7	22	19.5	23.8	22.8	21	19.6
18	16.8	24.6	23.1	22.1	20.1	18	21.9	20.9	19.3	17.9
20	15.5	22.2	21.3	20.5	18.4	16.5	20	19.4	17.9	16.5
22	14.3	20.3	19.7	19.2	16.8	15.3	18.1	18	16.8	15.3
24	13.1	18.1	18	17.6	15.6	14.3	16.6	16.5	15.6	14
26	12.3	16.7	16.7	17	14.4	13.3	15.5	15.5	14.3	13.1
28	11.3	14.9	15	15.5	13.5	12.5	14.4	14.5	13.8	12.8
30	11	13.7	14	14.5	12.5	11.8	13.4	13.6	12.9	11.8
32	10.3	12.2	13.2	13.1	11.6	11	12.6	12.8	12	11.1
34	9.5	11.1	12.1	12.4	10.9	10.5	11.5	11.7	11.3	10.4
36										
38										
40										
n	4	5	5	4	4	4	4	4	4	3
2	0	92	46	46	0	0	92	46	46	0
3	0	92	92	46	92	46	92	92	46	92
4	92	46	92	46	92	92	92	92	92	92
5	92	46	46	92	92	92	46	92	92	92
6	92	46	46	92	46	92	46	46	92	92
 %	9	9	9	9	9	9	9	9	9	9
 m/s	9	9	9	9	9	9	9	9	9	9



LOAD CHART FOR MAIN BOOM



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	 $m < t$				
	54	54	58.5	62	
10	30.9	28.3			
11	30.1	27.2	25.7		
12	29.1	26.2	25.2	20.9	
14	26.3	24.2	23.2	20.1	
16	24.4	22.3	21.6	18.9	
18	22.5	20.5	20.2	17.9	
20	21	18.4	18.9	16.3	
22	18.8	17.1	17.7	15.3	
24	17.5	15.9	16.6	14.5	
26	16.5	15.4	15.5	13.6	
28	15.4	14.4	14.1	12.3	
30	14.4	13.5	13.2	11.6	
32	13.3	12.6	12.4	11	
34	12.1	11.8	11.9	10.3	
36	11.3	11.2	11.2	9.8	
38	10.2	10.6	10.2	9.3	
40	9.5	10	9.6	8.8	
42	8.6	9.4	8.8	8.3	
44	7.8	8.8	8	7.7	
n	3	3	3	2	
	2	92	46	92	100
	3	92	92	92	100
	4	92	92	92	100
	5	92	92	92	100
	6	46	92	92	100
	 m/s	9	9	9	9

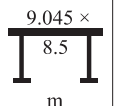
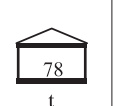

T	-					
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LOAD CHART FOR MAIN BOOM

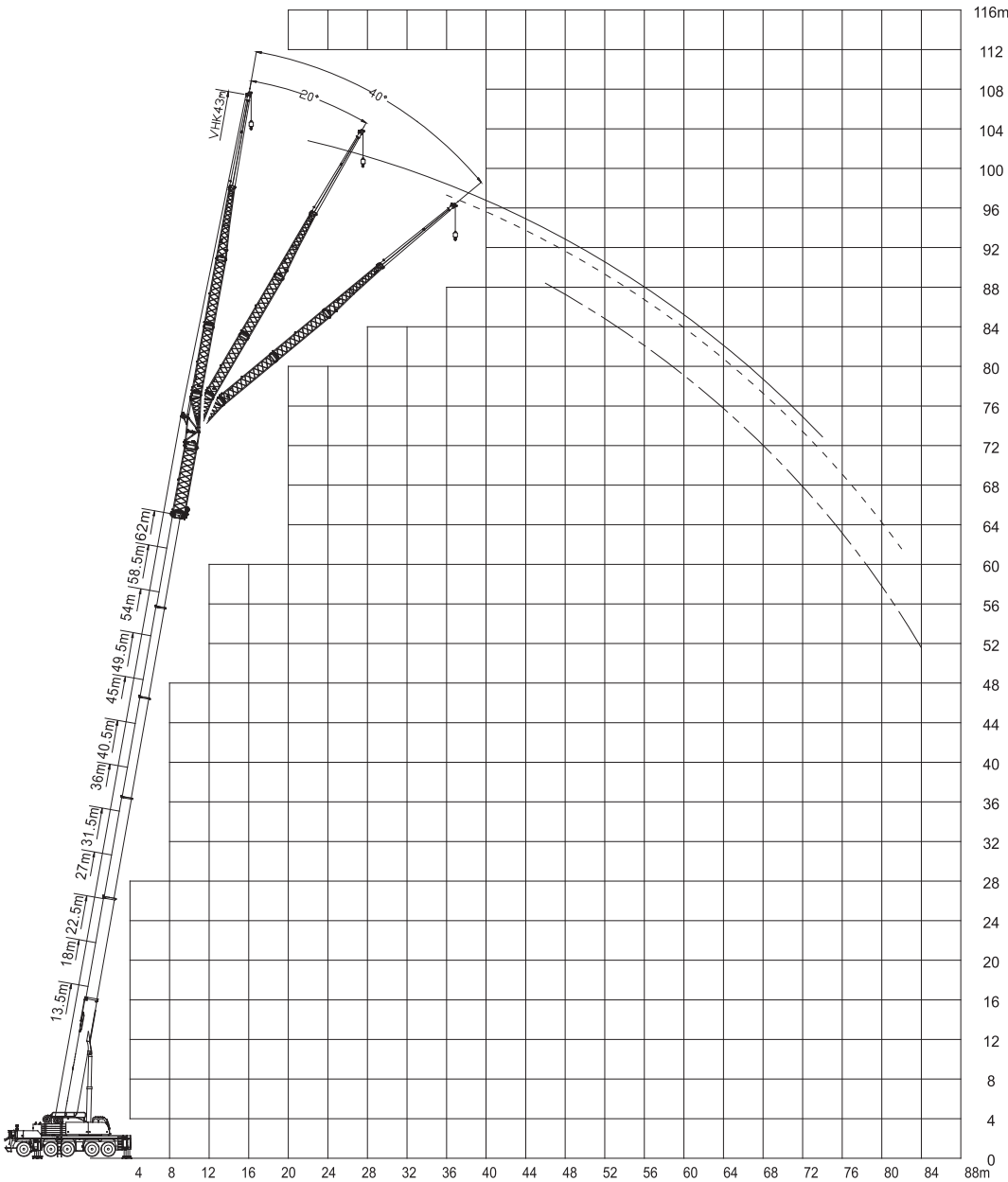
T	--
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	 $m > t$			
	54	54	58.5	62
46	7.1	8	7.5	7.1
48	6.5	7.4	6.8	6.5
50			6.3	5.9
52			5.7	5.6
54				5.1
56				4.8

N	3	3	3	2
2	92	46	92	100
3	92	92	92	100
4	92	92	92	100
5	92	92	92	100
6	46	92	92	100
 %	9	9	9	9
 m/s	9	9	9	9

T	--					
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SAC2200 WORKING RANGES



LOAD CHART FOR JIB

Outriggers fully extended, 78t counterweight,
jib offset 0 degrees, jib length 43m(36+7)

T	VHK 0° 43m
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m	m > t										
	31.5	36	40.5	45	49.5	49.5	54	54	58.5	62	
7											
8											
9											
10											
11	3.6										
12	3.6	3.4									
14	3.6	3.4	3.1	3							
16	3.6	3.4	3.1	3	2.8	2.7	2.4	2.3			
18	3.6	3.4	3.1	3	2.8	2.7	2.4	2.3	2.2		
20	3.5	3.4	3.1	3	2.8	2.8	2.4	2.3	2.2		
22	3.4	3.3	3.1	3	2.8	2.8	2.4	2.3	2.2	1.7	
24	3.2	3.2	3.1	3	2.8	2.7	2.4	2.3	2.2	1.7	
26	3.2	3.1	3	2.9	2.7	2.5	2.4	2.3	2.2	1.7	
28	3	3	2.9	2.8	2.6	2.4	2.4	2.3	2.2	1.7	
30	2.9	2.9	2.8	2.7	2.6	2.4	2.4	2.3	2.2	1.7	
32	2.8	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	1.7	
34	2.6	2.6	2.6	2.5	2.4	2.3	2.3	2.3	2.2	1.7	
36	2.5	2.5	2.5	2.4	2.3	2.2	2.3	2.2	2.2	1.7	
38	2.4	2.4	2.4	2.3	2.3	2.2	2.3	2.2	2.1	1.7	
40	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.1	1.7	
42	2.2	2.3	2.3	2.2	2.2	2.1	2.1	2	2	1.7	
44	2.1	2.2	2.2	2.2	2.1	2	2.1	2	2	1.7	
46	2	2.1	2.1	2.1	2	1.9	2	1.9	1.9	1.7	
48	1.9	2	2	2	2	1.9	1.9	1.8	1.9	1.7	
50	1.8	1.9	1.9	1.9	1.9	1.8	1.9	1.8	1.8	1.7	
52	1.8	1.8	1.8	1.8	1.8	1.7	1.8	1.7	1.8	1.7	
54	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.6	
56	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.6	
58	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.5	1.6	1.5	
60	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	
62	1.4	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.5	
64	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	
66	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.3	1.4	1.4	
68	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	
70	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	
72		1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.2	
74		1.3	1.2	1.3	1.4	1.4	1.4	1.4	1.4	1.1	
76			1.2	1.3	1.3	1.3	1.3	1.3	1.3	1	
78				1.2	1.2	1.1	1.3	1.3	1.3	0.9	
80				1.2	1.1		1.3	1.4	1.1		
82				1.1	1.1		1.2	1.4			
84					1		1.1				
86							1				
n	1	1	1	1	1	1	1	1	1	1	
1	0+	0+	0+	0+	46+	0+	92+	46+	92+	100+	
2	0+	0+	0+	46+	92+	92+	92+	92+	92+	100+	
3	0+	46+	92+	92+	92+	92+	92+	92+	92+	100+	
4	92+	92+	92+	92+	92+	92+	92+	92+	92+	100+	
5	92+	92+	92+	92+	46+	92+	46+	92+	92+	100+	
9	9	9	9	9	9	9	9	9	9	9	

T	VHK 0° 43m	9.045 x 8.5 m	78 t	360°	7m	36m
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LOAD CHART FOR JIB

Outriggers fully extended, 78t counterweight,
jib offset 20 degrees, jib length 43m(36+7)

T	VHK 20° 43m
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 m	 m > t									
	31.5	36	40.5	45	49.5	49.5	54	54	58.5	62
20										
22										
24										
26	2.5									
28	2.4	2.3	2.3							
30	2.3	2.3	2.3	2.2						
32	2.2	2.2	2.2	2.1	2	1.9	1.9	1.8		
34	2.1	2.1	2.1	2.1	2	1.9	1.9	1.8	1.7	
36	2	2	2	2	1.9	1.8	1.8	1.8	1.7	1.5
38	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.5
40	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.5
42	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.5
44	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.5
46	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5
48	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.5
50	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
52	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
54	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
56	1.4	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
58	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.3	1.4	1.4
60	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
62	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
64	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4
66	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
68	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
70		1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
72		1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.3
74			1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
76			1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.2
78				1.3	1.3	1.3	1.3	1.3	1.3	1.1
80				1.2	1.2	1.2	1.3	1.3	1.2	1
82					1.1	1.1	1.3	1.2	1.2	0.9
84							1.2	1.1	1.1	
86							1.1			
n	1	1	1	1	1	1	1	1	1	1
1	0+	0+	0+	0+	46+	0+	92+	46+	92+	100+
2	0+	0+	0+	46+	92+	92+	92+	92+	92+	100+
3	0+	46+	92+	92+	92+	92+	92+	92+	92+	100+
4	92+	92+	92+	92+	92+	92+	92+	92+	92+	100+
5	92+	92+	92+	92+	46+	92+	46+	92+	92+	100+
	9	9	9	9	9	9	9	9	9	9

T	VHK 0° 43m	9.045 x 8.5 m	78 t	360°	7m	36m
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